



**Hubercarb® Q3 - FSMA  
CALCIUM CARBONATE**

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**DESCRIPTION**

Hubercarb Q FSMA grade calcium carbonate products provide a cost-effective source of calcium when needed to supplement animal feed formulations. They are produced at our Quincy, IL facility from local ore which is known for its natural uniformity and purity. These products meet all relevant requirements of the Food Safety Modernization Act.

**TYPICAL PHYSICAL PROPERTIES**

Median Particle Size (Cilas®, µ)  
Moisture (% , ASTM D280)  
Water Demand (mL/100 gms)  
Loose Bulk Density (lb/ft<sup>3</sup>, ASTM C110)  
Compacted Bulk Density (lb/ft<sup>3</sup>, ASTM C110)  
Acid Solubility (% in HCl)

**Q3-FSMA**

3.2  
0.2  
55  
40  
60  
98.5 - 99

**PARTICLE SIZE (SCREEN) ANALYSIS**

Mesh size  
+325 (45µm)

          
%  
0.005

**GUARANTEED CHEMICAL ANALYSIS**

Calcium assay, min. %  
Calcium assay, max. %

          
%  
38  
39

**MINERAL PROPERTIES**

Alkalinity (as NaOH, ASTM D1208)  
pH (ASTM D1208)  
Hardness (Hand. Of Chem. & Phy)  
Solubility (Hand. Of Chem. & Phy)  
Particle Shape (Microscope)  
Specific Gravity (ASTM D153)  
Weight per Gallon (s.g. x 8.345)

Quincy, Illinois  
0.4 mg/gm  
9.4 (saturated solution)  
3 Mohs, relatively non-abrasive  
0.0035 gm/100 mL H<sub>2</sub>O at 100°C  
Irregular, uniaxial  
2.7  
22.6 lbs/solid gallon

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